(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 23 June 2005 (23.06.2005)

PCT

(10) International Publication Number WO 2005/057866 A1

(51) International Patent Classification7: 12/28

H04L 12/56,

(74) Agent: AROS PATENT AB; P.O. Box 1544, S-751 45 Uppsala (SE).

(21) International Application Number:

PCT/SE2003/001951

(22) International Filing Date:

15 December 2003 (15.12.2003)

(25) Filing Language:

English

(26) Publication Language:

English

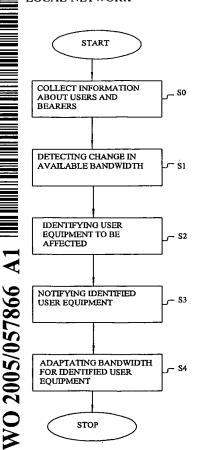
- (71) Applicant (for all designated States except US): TELE-FONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): FODOR, Gabor [HU/SE]; Astrakangatan 124, S-165 52 Hässelby (SE). TERZANI, Alessio [IT/IT]; Via Francesco Girmaldi, 141, I-00146 Roma (IT).
- (81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, EG, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL,
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN,

ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,

[Continued on next page]

(54) Title: METHOD AND ARRANGEMENT FOR ADAPTING TO VARIATIONS IN AN AVAILABLE BANDWIDTH TO A LOCAL NETWORK



(57) Abstract: In a vehicular network (10) having a plurality of connected user equipment (20), experiencing a change in an available bandwidth a method for adapting to the change is performed comprising the steps of collecting information (S0) about the users and the bearers, detecting (S1) a change in bandwidth available for the local network (10), identifying (S2) user equipment (20) in the local network (10) to be affected by said detected change, notifying (S3) the identified user equipment of an adaptation of the bandwidth for the identified user equipment, and finally adapting (S4) the bandwidth of each identified user equipment.

YU, ZA, ZM, ZW.

WO 2005/057866 A1



SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.